



Inspectiecertificaat (3.1) - Chemische analyse  
Testrapport (2.2) - Mechanische eigenschappen  
INSPECTION CERTIFICATE (3.1) - Chemical analysis  
TEST REPORT (2.2) - Mechanical properties

Datum/Date: 2023-12-13

Certificaat nummer/Cert no: EC27370069 rev. 0

ESAB ordernummer/Our order: 0100921397  
ESAB referentie/Our ref: M3PRD020  
Klantnummer/Cust no: NLB00033  
Orderdatum/Your date: 20231213

Ordernummer/Your order: 20031844163  
Referentie/Your ref:  
Faxnummer/Your fax:  
E-mail adres/Your e-mail:

Faktuuradres/Invoice address

ZEVU-NECOMIJ BV  
POSTBUS 447  
4900 AK OOSTERHOUT  
Netherlands

Verzendadres certificaten/Cert receiver

Afleveradres/Delivery address

Lasaulec Heerenveen  
Kuper 4  
HEERENVEEN  
8447 GK HEERENVEEN  
Netherlands

LEVERING/DELIVERY

Lotnummer/Lot no:

PNX4111134

Hoeveelheid/Quantity: 6 RL

**PRODUCT/PRODUCT**

Merk/Brand: Filarc  
Omschrijving/Desc: FILARC PZ6111 1.2mm 16kg  
Artikelnummer/Item no: 2571127730  
Hoeveelheid/Quantity: 6 RL

**CHEMISCHE SAMENSTELLING/CHEMICAL ANALYSIS**

Actual results: acc to EN 10204 - 3.1

All weld metal

|    |          |
|----|----------|
| C  | 0.05%    |
| Si | 0.41%    |
| Mn | 0.88%    |
| P  | 0.015%   |
| S  | 0.020%   |
| Cr | < 0.01%  |
| Ni | 0.74%    |
| Mo | 0.02%    |
| Nb | < 0.001% |
| Cu | < 0.01%  |
| V  | 0.02%    |

**CLASSIFICATIES/CLASSIFICATIONS**

SFA/AWS A5.29: E70T1-G  
EN ISO 17632-A: T 42 2 1Ni R C1 3 H10  
EN ISO 17632-A: T 46 2 1Ni R M21 3 H10

**MECHANISCHE EIGENSCHAPPEN/MECHANICAL PROPS**

Typical data: acc to EN 10204 - 2.2

**Tensile**

| Shielding Gas      | Rp0.2 [MPa/ksi] | Rm [MPa/ksi] | A5 [%] |
|--------------------|-----------------|--------------|--------|
| M21 (EN ISO 14175) | 495/72          | 576/84       | 26.0   |

**Impact**

| Shielding Gas      | Temp [°C/°F] | KV[J/ft-lb] |
|--------------------|--------------|-------------|
| M21 (EN ISO 14175) | -20/-4       | 114/84      |

A4, A5 = Elongation  
ReH = Upper Yield Point  
ReL = Lower Yield Point  
Rm = Ultimate Tensile Strength (UTS)  
Rp0.2 = Yield Strength 0.2 offset  
Rp1.0 = Yield Strength 1.0 offset

**OPMERKINGEN/COMMENTS**

Product geleverd volgens een QA systeem welke voldoet aan de ISO 9001 norm.

Dit certificaat is elektronisch aangemaakt.

Voor vragen:

Esab Nederland BV - P.O. Box 2236, 3800 CE Amersfoort, Nederland

Product supplied under a QA Programme fulfilling the EN ISO 9001 standard.

This certificate is produced electronically.

Please refer any queries to: (see above)

**Geldigheid/Validation**

Piotr Grela

Quality Manager

Neil Farrow

Product Manager